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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/088,727	06/02/98	FRY	M 36-1227

LM02/1108

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EXAMINER
FARAHI, F

ART UNIT	PAPER NUMBER
2756	7

DATE MAILED: 11/08/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

1. File Copy

Application No.	Applicant(s)	
09/088,727	Fry, Ghosh	
Examiner	Group Art Unit	
Farzaneh Farahi	2756	

☐ Responsive to communication(s) filed on _____ .

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire ___3___ month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) _1-11_ _____ is/are pending in the application.

    Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) _1-11_ _____ is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐approved ☐disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

    ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

        ☐ received.

        ☐ received in Application No. (Series Code/Serial Number) _____ .

        ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    *Certified copies not received: _____ .

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). ___7___

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- *SEE OFFICE ACTION ON THE FOLLOWING PAGES* ---

Art Unit:

DETAILED ACTION

Drawings

1.   The drawings are objected to because they must be labeled as referenced in specification.

Correction is required.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless --
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

3.   Claims 1, 4, 6, 7, 10 and 11 are rejected under 35 U.S.C. 102(e) as being anticipated by

Gramlich U.S. Patent No. 5,826,025.

Gramlich discloses a system comprising a Proxy server between a Web server and a Web client.

Gramlich discloses AOP which is a software routine that runs on the proxy server that allows

requested documents to be annotated, filtered and transformed.

In regards to claims 1, 5, 6, 10 and 11, *A method of transmitting data form a first server*

computer to a client computer, method comprising the steps of transmitting the data from the

first server computer (WWW server) to a second server computer (dynamic proxy server) in a

first encoding format, transforming the data from said first encoding format to a second

encoding format at the second server computer and transmitting the transformed data in said

second format to the client computer from the from the second server computer. (Referring to

Fig. 1, there is shown a block diagram of a preferred embodiment, which includes a Web client, a

proxy server coupled to Web client and Web servers, each of which are coupled to the proxy

server. An annotation overlay proxy (AOP) executes in the proxy server.) [Col 3, Line 61] The

AOP like any other proxy communicates with entities connected to the Web, such as the Web

client or the Web server, using the standard HTTP proxy server communications protocol. All

functions of the AOP are directed by a set of local AOP procedures.) [Col 5, Line 18] (the AOP

can also transform the data being returned by the Web servers to the Web browser.) [Col 5, Line

33] (The AOP then creates a merged document by transforming the returned image of the

requested document according to the information from annotation.) [Col 6, Line 16]. By this

rationale **claims 1, 5, 6, 10 and 11** are rejected.

In regards to claims 4 and 7, *wherein the transforming performed by the second server computer*

(dynamic proxy server) is determined by the content of a protocol downloaded to the second

server computer from a third server computer. (Generally, the AOP builds the annotation

directory only upon receiving the HTTP sources message.) [Col 5, Line 49]. By this rationale

claims 4 and 7 are rejected.

Art Unit:

Claim Rejections - 35 USC § 103

4.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

4.   Claims 2, 3, 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Gramich, U.S. Patent No. 5,826,025. In regards to claims 2, 3, 8 and 9, *(wherein the data is*

transmitted from the first server computer (WWW server) to the second server computer (proxy

server) using a first transport protocol (TCP) and the transformed data is transmitted from the

second server computer (proxy server) to the client computer using a second transport protocol

(UDP) Gramich discloses a system that introduces a proxy server between Web servers and

clients that allows parts of requested document to be annotated or transformed before the

documents are viewed with a Web browser. Gramich discloses the invention substantially as

claimed. (The AOP is coupled to the Web servers and communicates with the Web servers

using standard Internet (TCP/IP) and WWW (HTTP) protocols.) [Col 4, Line 20].Gramich

teaches that TCP/IP and HTTP are the protocols used to connect the proxy server to the Web

server and the client computer. However he does not disclose specifically the transport protocol

from the client computer to the proxy server and for the proxy server to the Web server. It is

common knowledge in the prior art to specify the transport protocol for each connection in the

network for the purpose of prioritizing of one protocol over the other. It would have been

obvious to one having ordinary skill in the art at the time the invention as made to specifically

use TCP transport protocol to transmit data from the Web server to the proxy server and the UDP

transport protocol to transmit data form the proxy server to the client computer in Gramich

network because doing so TCP transport protocol would have provided the system with a reliable

delivery of data from the Web server to the proxy server and UDP would provide a faster data

transfer from the proxy server to the client to enhance the speed of data transmission. By this

rationale **claims 2, 3, 8 and 9** are rejected.

Citation of Pertinent prior Art

U.S. Patent No. 5,673,322   System and Method for Providing Translation and Filtering to

Access the World Wide Web from Wireless or low Bandwidth

Networks

U.S. Patent No. 5,710,918   Method for Distributed Task Fulfilment of Web Browser requests

U.S. Patent No. 5,918,018   System and Method for Archiving Network Separation
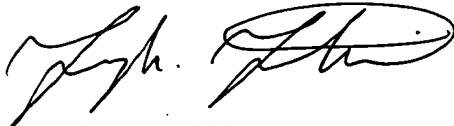
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner

should be directed to Farzaneh Farahi whose telephone number is (703) 308-6118. The examiner

can normally be reached on Monday through Friday from 7:00 to 3:00.

Art Unit:

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Frank Asta, can be reached on (703) 305-3817. The fax phone number for the

organization where this application or proceeding is assigned is (703) 308-5359.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 305-3900.

Farzaneh Farahi

October 25, 1999

FRANK J. ASTA
SUPERVISORY PATENT EXAMINER
GROUP 2700